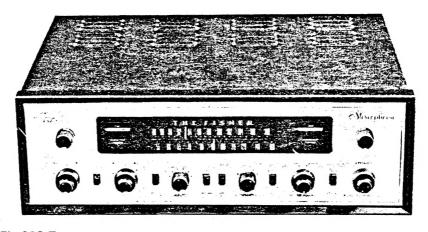
Stereophonic
THE FISHER 202-T

SERVICE



MODEL 202-T

CHASSIS SERIAL NUMBERS FROM 30001 TO 39999 INCLUSIVE

Part No.

C50070-8

C50070-6

C662-123

C684-127

C726-116

CC20CJ080D5

CC20CJO50D5

Ceramic, .005uf 20%; 500V

Ceramic, 12uuf; NPO, 1000V

Ceramic, 12uuf, NPO, 1000V

Ceramic, .005uf 20%; 500V Ceramic, 220uf, 1000V Mylar, .047uf 250V

Mylar, 104701 250V Ceramic, 1020f + 80 — 20%, 500V Ceramic, 330uuf, 1000V Mylar, 1015uf, 250V

Ceramic, .005uf 20%, 500V

Ceramic, 560uuf; 1000V

Ceramic, .0027uf 1000V

Mylar, .047uf, 250V

Mica trimmer

C80

C81

C82

C85

C86

C87

C88

C89

C90 C91

C92

C93

C96 C97 C98

C94, 95

C83, 84

C50089-1

C50072-14 C50070-2

C50089-1

C629-151-5

C50072-17

C50197-52

C50089-1

C50072-20

C50197-52

C50089-1

C50089-4

C50072-1

C50197-58

C50070-2

C				

10% tolerance for all fixed capacitors, unless otherwise noted or marked GMV (guaranteed minimum value.)

Ceramic, 100 uuf GMV. N1500; 1000V C50070-5 Ceramic, 100 uuf N1500; 1000V C50070-6

Ceramic, 24uut 5 % N150, 1000V Ceramic, 8 uuf ± .5uuf NPO; 500V Ceramic, 5uuf ± .5uuf NPO; 500V Ceramic, 100uuf N1500; 1000V Ceramic trimmer

Description

AM variable

FM variable

Symbol

C1 C2 C3 C4 C5 C6 C7 C8

C9	Ceramic, 100 ouf N1500; 1000V C50070-6	C96	Mylar, .01501, 250V Ceramic, 820uuf, 5 %; 500V	CC21GP821J5
C10, 11, 12	Ceramic, Feedthru, .001 uf GMV C592-18/	C97 C98	Ceramic, 330uuf, 1000V	C50072-1
C13	Ceramic 02uf + 80 - 20%; 300V C30089-4	C99	Ceramic, .0033uf; 1000V	C50072-11
C14	Ceramic Feedthru, .001 uf; GMV C592-187	C100	Electrolytic, 8uf, 50V	C629-138
C15	Ceramic, .02uf + 80 — 20%; 500V C50089-4 Cosemic .001uf; 1000V C50072-3	C101	Mylar, .1uf, 250V	C50197-54
C16		C102	Ceramic, .005uf, 20%; 500V	C50089-1
C17	Ceramic, .02uf + 80 — 20 %; 500V C50089-4 Ceramic, .005uf 20 %; 500V C50089-1	C110, 111	Ceramic, 220uuf, 1000V	C50072-20
C18	Ceramic, 800501 20 %; 3000 CC20CJ080D5		Ceramic, 100uuf, GMV; 1000V	
C19	Ceramic, .68uuf, 500V C50077-6N		Mylar, .01uf, 250V	C50197-48
C20 C21	Coramic Trimmer C002-123		7 Mylar, .022uf, 250V 9 Ceramic, 33uuf,, 5%, N750, 10	C50197-49 000V C50070-25K
C22	Ceramic, 10uuf ± .5uuf, NPO; 500V CC20CJ100D3		Ceramic, 2700uuf; 1000V	C50070-13R
C23	Coramic 100uuf N1500: 1000V C50070-6	C122	Ceramic, .0033uf; 1000V	C50072-11
C24	Ceramic, 100uuf, GMV, N1500, 1000V C300/0-3	C123	Electrolytic, 25uf; 6V	C639-114
C25	Ceramic, 68uuf, N750; 500V CC20UJ680K5	C124	Ceramic, .0033uf; 1000V	C50072-11
C26		C125	Electrolytic, 25uf, 6V	C639-114
C27	Molded, .01uf 20%; 600V C2747 Ceramic, 5uuf ± .5uuf N150, 500V CC20PJ050D5		7 Mylar, .047uf, 250V	C50197-52
C28	Ceramic, 5001 ± .500f N220, 500V CC20RH050D5		Ceramic, .005uf, 20%; 500V	C50089-1
C29 C30	Ceramic, 47uuf N750; 1000V C50070-4		Mylar, .68uf; 250V	50197-57 50197-50
C31	Ceramic trimmer C662-123		3 Mylar, .027uf, 250V 5 Ceramic, 330uuf; 1000V	C50072-11
C32	Coromic feedthry .001ut GMV C392-187			000V C50070-8
C33	Ceramic 10uuf ±.5uuf NPO; 500V CC20CJ10003		Mylar, .1uf; 250V	C50197-54
C34	Ceramic, 24uuf 5%; N150; 1000V C50070-8	C140	Electrolytic, 25uf, 6V	C639-114
C35	Ceramic, 100uuf GMV, N1500; 1000V C50070-5	C141	Ceramic, .001uf; 1000V	C50072-3
C36	Ceramic, 100uuf 5 %, N1500; 1000V C50070-19 Ceramic, 001uf 1000V C50072-3	C142	Electrolytic, 25uf; 6V	C639-114
C37	Ceramic, .001 uf, 1000V C50072-3 Ceramic, feedthru .001 uf GMV C592-187	C143	Ceramic, .001uf; 100V	C50072-3
C38 C39, 40	Ceramic, .02uf + 80 — 20 % 500V C50089-4		5 Electrolytic, 25uf; 6V	C639-114
C41	Ceramic, .005uf 20%; 500V 50089-1	C146, 14	7 Mylar, .1uf; 250V 9 Ceramic, .02uf + 80 — 20%;	C50197-54
C42	Electrolytic four section: C50180-3	C150, 15		3000 630007-4
•	A 40uf 350V	152, 15		
	B 40uf 300V	154	Mylar, .1uf; 250V	C50197-54
	C 40uf 300V	C155, 15	6 Ceramic, .001 uf, GMV, 500V	C50089-2
	D 40uf 250V Electrolytic to section: C50180-7	C157	Electrolytic, 8uf, 50V	C629-138
C43	Electrolytic to section: C50180-7 A 1000uf 30V	C158	Mylar, .047uf, 250V	C50197-52
	B 1000uf 30V	C159	Electrolytic, 1uf, 250V	C546-126
C44	Ceramic feedthru .001uf GMV C592-187	C160, 16	1 Ceramic, 330uuf, 1000V	C50072-1
C45	Mica 470uuf 5%, 300V			
C45 C46, 47	Mica, 470uuf 5 %, 300V C3334 Ceramic, .005uf 20 %; 500V C50089-1		RESISTORS AND POTENT	
	Mica, 470uuf 5 %, 300V Ceramic, .005uf 20 %; 500V Ceramic, .0027uf, 1000V C50072-17		n ohms, 10% tolerance, ½ watt	, unless otherwise
C46, 47	Mica, 470uuf 5 %, 300V Ceramic, .005uf 20 %; 500V Ceramic, .0027uf, 1000V Electrolytic, three section: C50180-4			, unless otherwise
C46, 47 C48	Mica, 470uuf 5 %, 300V Ceramic, .005uf 20 %; 500V Ceramic, .0027uf, 1000V Electrolytic, three section: A 40uf 250V		n ohms, 10% tolerance, ½ watt	, unless otherwise
C46, 47 C48	Mica, 470uuf 5 %, 300V Ceramic, .005uf 20%; 500V Ceramic, .0027uf, 1000V Electrolytic, three section: A 40uf 250V B 40uf 250V	r	n ohms, 10% tolerance, ½ watt oted. K = kilohm, M = megohm	, unless otherwise
C46, 47 C48 C49	Mica, 470uuf 5 %, 300V Ceramic, .005uf 20 %; 500V Ceramic, .0027uf, 1000V Electrolytic, three section: A 40uf 250V	Symbol .	n ohms, 10% tolerance, ½ watt oted. K = kilohm, M = megohm Description	, unless otherwise Part No.
C46, 47 C48 C49 C50, 51,	Mica, 470uuf 5 %, 300V Ceramic, .005uf 20 %; 500V Ceramic, .0027uf, 1000V Electrolytic, three section: A 40uf 250V B 40uf 250V C 40uf 250V C 40uf 250V C 50089-1	Symbol R1 R2 R3	n ohms, 10% tolerance, ½ watt toted. K = kilohm, M = megohm Description Composition 330 Composition 2.7K Composition 330	Part No. RC20BF331K RC20BF372K RC20BF331K
C46, 47 C48 C49	Mica, 470uuf 5 %, 300V Ceramic, .005uf 20 %; 500V Ceramic, .0027uf, 1000V Electrolytic, three section: A 40uf 250V B 40uf 250V C 40uf 250V C 40uf 250V Ceramic, .005uf 20 %; 500V Mica, 470uuf, 5 %; 300V C3334	Symbol R1 R2 R3 R4	n ohms, 10% tolerance, ½ wattoted. K = kilohm, M = megohm Description Composition 330 Composition 2.7K Composition 330 Composition 1K	Part No. RC20BF331K RC20BF327K RC20BF331K RC20BF331K RC20BF302K
C46, 47 C48 C49 C50, 51,	Mica, 470uuf 5 %, 300V Ceramic, .005uf 20 %; 500V Ceramic, .0027uf, 1000V Electrolytic, three section: A 40uf 250V B 40uf 250V C 40uf 250V Ceramic, .005uf 20 %; 500V Mica, 470uuf, 5 %; 300V Mylar, .047 uf; 250V C50089-1 C50180-4 C50089-1 C50089-1 C50197-52 C50197-52	Symbol R1 R2 R3 R4 R5	n ohms, 10% tolerance, ½ wattooted. K = kilohm, M = megohm Description Composition 330 Composition 2.7K Composition 330 Composition 1K Composition 4.7	Part No. RC20BF331K RC20BF272K RC20BF331K RC20BF31K RC20BF102K RC20BF4R7K
C46, 47 C48 C49 C50, 51, 52 C53	Mica, 470uuf 5 %, 300V Ceramic, .005uf 20 %; 500V Ceramic, .0027uf, 1000V Electrolytic, three section: A 40uf 250V B 40uf 250V C 40uf 250V Ceramic, .005uf 20 %; 500V Ceramic, .005uf 20 %; 500V Mica, 470uuf, 5 %; 300V Mylar, .047 uf; 250V Electrolytic, two section: C3334 Mylar, .047 uf; 250V Electrolytic, two section: C3334 C50180-5	Symbol R1 R2 R3 R4 R5 R6	n ohms, 10% tolerance, ½ wattooted. K = kilohm, M = megohm Description Composition 330 Composition 330 Composition 330 Composition 1K Composition 4.7 Composition 100K	Part No. RC20BF331K RC20BF272K RC20BF331K RC20BF102K RC20BF4R7K RC20BF104K
C46, 47 C48 C49 C50, 51, 52 C53 C54	Mica, 470uuf 5 %, 300V Ceramic, .005uf 20 %; 500V Ceramic, .0027uf, 1000V Electrolytic, three section:	Symbol R1 R2 R3 R4 R5 R6 R7	n ohms, 10% tolerance, ½ wattended. K = kilohm, M = megohm Description Composition 330 Composition 330 Composition 1K Composition 1K Composition 100K Composition 100K Composition 4.7M	Part No. RC20BF331K RC20BF272K RC20BF331K RC20BF102K RC20BF475K RC20BF104K RC20BF475K
C46, 47 C48 C49 C50, 51, 52 C53 C54 C55	Mica, 470uuf 5 %, 300V Ceramic, .005uf 20 %; 500V Ceramic, .0027uf, 1000V Electrolytic, three section: A 40uf 250V B 40uf 250V C 40uf 250V Ceramic, .005uf 20 %; 500V Mica, 470uuf, 5 %; 300V Mylar, .047 uf; 250V Electrolytic, two section: A 40uf 250V B 40uf 250V C 50180-5	Symbol R1 R2 R3 R4 R5 R6 R7 R8	n ohms, 10% tolerance, ½ wattooted. K = kilohm, M = megohm Description Composition 330 Composition 330 Composition 330 Composition 1K Composition 4.7 Composition 100K	Part No. RC20BF331K RC20BF272K RC20BF331K RC20BF102K RC20BF4R7K RC20BF104K
C46, 47 C48 C49 C50, 51, 52 C53 C54 C55	Mica, 470uuf 5 %, 300V Ceramic, .005uf 20 %; 500V Ceramic, .0027uf, 1000V Electrolytic, three section: A 40uf 250V B 40uf 250V C 40uf 250V Ceramic, .005uf 20 %; 500V Mica, 470uuf, 5 %; 300V Mylar, .047 uf; 250V Electrolytic, two section: A 40uf 250V B 40uf 250V Ceramic, .005uf 20 %; 500V C50197-52 C50180-5 B 40uf 250V Ceramic, .005uf 20 %; 500V	Symbol R1 R2 R3 R4 R5 R6 R7	n ohms, 10% tolerance, ½ wattended. K = kilohm, M = megohm Description Composition 330 Composition 2.7K Composition 330 Composition 1K Composition 4.7 Composition 100K Composition 4.7M Composition 120	Part No. RC20BF331K RC20BF272K RC20BF331K RC20BF102K RC20BF47K RC20BF104K RC20BF475K RC20BF121K
C46, 47 C48 C49 C50, 51, 52 C53 C54 C55	Mica, 470uuf 5 %, 300V Ceramic, .005uf 20 %; 500V Ceramic, .0027uf, 1000V Electrolytic, three section: A 40uf 250V B 40uf 250V C 40uf 250V Ceramic, .005uf 20 %; 500V Mica, 470uuf, 5 %; 300V Mylar, .047 uf; 250V Electrolytic, two section: A 40uf 250V B 40uf 250V Ceramic, .005uf 20 %; 500V Ceramic, .005uf 20 %; 500V Ceramic, .005uf 20 %; 500V Ceramic, .007uf, 80 — 20 %; 500V Ceramic, .007uf, 1000V C50089-1	Symbol R1 R2 R3 R4 R5 R6 R7 R8 R9	n ohms, 10% tolerance, ½ wattended. K = kilohm, M = megohm Description Composition 330 Composition 330 Composition 18 Composition 1K Composition 100K Composition 120 Composition 120 Composition 120 Composition 330K	Part No. RC20BF331K RC20BF272K RC20BF331K RC20BF102K RC20BF102K RC20BF475K RC20BF121K RC20BF35K RC20BF35K RC20BF321K RC20BF334K
C46, 47 C48 C49 C50, 51, 52 C53 C54 C55	Mica, 470uuf 5 %, 300V Ceramic, .005uf 20 %; 500V Ceramic, .0027uf, 1000V Electrolytic, three section: A 40uf 250V B 40uf 250V C 40uf 250V Ceramic, .005uf 20 %; 500V Mica, 470uuf, 5 %; 300V Mylar, .047 uf; 250V Electrolytic, two section: A 40uf 250V B 40uf 250V Ceramic, .005uf 20 %; 500V Ceramic, .005uf 20 %; 500V Ceramic, .005uf 20 %; 500V Ceramic, .0027uf, 1000V Ceramic, .0027uf, 1000V Ceramic, .002t + 80 — 20 %; 500V	Symbol R1 R2 R3 R4 R5 R6 R7 R8 R9 R10 R11, 12	n ohms, 10% tolerance, ½ wattended. K = kilohm, M = megohm Description Composition 330 Composition 2.7K Composition 330 Composition 1K Composition 1.7 Composition 1.00K Composition 1.20 Composition 1.20 Composition 1.20 Composition 1.20 Composition 3.3M Composition 3.30K Composition 3.30K Composition 4.7K	Part No. RC20BF331K RC20BF272K RC20BF331K RC20BF102K RC20BF475K RC20BF104K RC20BF121K RC20BF35K RC20BF35K RC20BF34K RC20BF34K
C46, 47 C48 C49 C50, 51, 52 C53 C54 C55 C56 C57 C58 C59 C60, 61	Mica, 470uuf 5 %, 300V Ceramic, .005uf 20 %; 500V Ceramic, .0027uf, 1000V Electrolytic, three section: A 40uf 250V B 40uf 250V C 40uf 250V Ceramic, .005uf 20 %; 500V Mica, 470uuf, 5 %; 300V Mylar, .047 uf; 250V Electrolytic, two section: A 40uf 250V B 40uf 250V Ceramic, .005uf 20 %; 500V Ceramic, .005uf 20 %; 500V Ceramic, .005uf 20 %; 500V Ceramic, .002uf + 80 — 20 %; 500V Ceramic, .002ruf, 1000V Ceramic, .002uf + 80 — 20 %; 500V Ceramic, .005uf 20 %; 500V	Symbol R1 R2 R3 R4 R5 R6 R7 R8 R9 R10 R11, 12 R13	n ohms, 10% tolerance, ½ wattoted. K = kilohm, M = megohm Description Composition 330 Composition 2.7K Composition 330 Composition 1K Composition 4.7 Composition 100K Composition 4.7M Composition 4.7M Composition 120 Composition 120 Composition 120 Composition 330K Composition 330K Composition 47K Composition 1K	Part No. RC20BF331K RC20BF372K RC20BF331K RC20BF102K RC20BF104K RC20BF104K RC20BF151K RC20BF121K RC20BF335K RC20BF121K RC20BF334K RC20BF34K RC20BF473K RC20BF473K RC20BF473K
C46, 47 C48 C49 C50, 51, 52 C53 C54 C55 C57 C58 C59 C60, 61	Mica, 470uuf 5 %, 300V Ceramic, .005uf 20 %; 500V Ceramic, .0027uf, 1000V Electrolytic, three section: A 40uf 250V B 40uf 250V C 40uf 250V Ceramic, .005uf 20 %; 500V Ciscopie	Symbol R1 R2 R3 R4 R5 R6 R7 R8 R9 R10 R11, 12 R13 R14	n ohms, 10% tolerance, ½ wattoted. K = kilohm, M = megohm Description Composition 330 Composition 2.7K Composition 330 Composition 1K Composition 4.7 Composition 100K Composition 1.7M Composition 120 Composition 120 Composition 3.3M Composition 120 Composition 330K Composition 47K Composition 1K Composition 1K Composition 1K Composition 22	Part No. RC20BF331K RC20BF331K RC20BF331K RC20BF331K RC20BF487K RC20BF404K RC20BF404K RC20BF104K RC20BF121K RC20BF335K RC20BF334K RC20BF473K RC20BF473K RC20BF473K RC20BF473K RC20BF473K
C46, 47 C48 C49 C50, 51, 52 C53 C54 C55 C55 C56 C57 C58 C59 C60, 61 C62 C63, 64	Mica, 470uuf 5 %, 300V Ceramic, .005uf 20 %; 500V Ceramic, .0027uf, 1000V Electrolytic, three section: A 40uf 250V B 40uf 250V C 40uf 250V C 40uf 250V C 40uf 250V Ceramic, .005uf 20 %; 500V Mica, 470uuf, 5 %; 300V Ceramic, .047 uf; 250V Electrolytic, two section: A 40uf 250V Ceramic, .005uf 20 %; 500V Ceramic, .005uf 20 %; 500V Ceramic, .0027uf, 1000V Ceramic, .002uf + 80 — 20 %; 500V Ceramic, .005uf 20 %; 500V	Symbol R1 R2 R3 R4 R5 R6 R7 R8 R9 R10 R11, 12 R13 R14 R15 R16	n ohms, 10% tolerance, ½ watted. K = kilohm, M = megohm Description Composition 330 Composition 330 Composition 1K Composition 1K Composition 4.7 Composition 4.7M Composition 120 Composition 120 Composition 120 Composition 330K Composition 47K Composition 1K Composition 1K Composition 1K Composition 1K Composition 1C2 Composition 1C2 Composition 22 Composition 22 Composition 2.2K	Part No. RC20BF331K RC20BF272K RC20BF331K RC20BF102K RC20BF487K RC20BF4475K RC20BF121K RC20BF121K RC20BF335K RC20BF121K RC20BF334K RC20BF334K RC20BF121C RC20BF122C
C46, 47 C48 C49 C50, 51, 52 C53 C54 C55 C56 C57 C58 C59 C60, 61 C62 C63, 64	Mica, 470uuf 5 %, 300V Ceramic, .005uf 20 %; 500V Ceramic, .0027uf, 1000V Electrolytic, three section: A 40uf 250V B 40uf 250V C 40uf 250V Ceramic, .005uf 20 %; 500V Mica, 470uuf, 5 %; 300V Ceramic, .005uf 20 %; 500V Ceramic, .002uf + 80 — 20 %; 500V Ceramic, .002uf + 80 — 20 %; 500V Ceramic, .005uf 20 %; 500V Ceramic, .005uf, 20 %, 500V	Symbol R1 R2 R3 R4 R5 R6 R7 R8 R9 R10 R11, 12 R13 R14 R15 R16 R17	n ohms, 10% tolerance, ½ wattended. K = kilohm, M = megohm Description Composition 330 Composition 330 Composition 1K Composition 1K Composition 100K Composition 120 Composition 120 Composition 120 Composition 330K Composition 120 Composition 330K Composition 147K Composition 147K Composition 12 Composition 152 Composition 152 Composition 1530K Composition 164 Composition 22 Composition 22 Composition 22 Composition 22 Composition 4.7	Part No. RC20BF331K RC20BF331K RC20BF331K RC20BF331K RC20BF487K RC20BF404K RC20BF404K RC20BF104K RC20BF121K RC20BF335K RC20BF334K RC20BF473K RC20BF473K RC20BF473K RC20BF473K RC20BF473K
C46, 47 C48 C49 C50, 51, 52 C53 C54 C55 C56 C57 C58 C59 C60, 61 C62 C63, 64 C65 C65	Mica, 470uuf 5 %, 300V Ceramic, .005uf 20 %; 500V Ceramic, .0027uf, 1000V Electrolytic, three section: A 40uf 250V B 40uf 250V C 40uf 250V Ceramic, .005uf 20 %; 500V Mica, 470uuf, 5 %; 300V Ceramic, .005uf 20 %; 500V Ceramic, .002uf + 80 — 20 %; 500V Ceramic, .002vf + 80 — 20 %; 500V Ceramic, .002vf + 80 — 20 %; 500V Ceramic, .005uf 20 %; 500V Ceramic, .005uf, 20 %; 500V	Symbol R1 R2 R3 R4 R5 R6 R7 R8 R9 R10 R11, 12 R13 R14 R15 R16 R17	n ohms, 10% tolerance, ½ wattoted. K = kilohm, M = megohm Description Composition 330 Composition 2.7K Composition 330 Composition 1K Composition 10K Composition 100K Composition 120 Composition 120 Composition 120 Composition 120 Composition 330K Composition 120 Composition 47K Composition 147K Composition 122 Composition 122 Composition 122 Composition 124 Composition 127 Composition 2.2K Composition 4.7 Composition 820K	Part No. RC20BF331K RC20BF272K RC20BF331K RC20BF331K RC20BF472K RC20BF475K RC20BF121K RC20BF321K RC20BF321K RC20BF321K RC20BF321K RC20BF324K RC20BF324K RC20BF473K RC20BF473K RC20BF473K RC20BF474
C46, 47 C48 C49 C50, 51, 52 C53 C54 C55 C57 C58 C59 C60, 61 C62 C63, 64 C65 C66	Mica, 470uuf 5 %, 300V Ceramic, .005uf 20 %; 500V Ceramic, .0027uf, 1000V Electrolytic, three section: A 40uf 250V B 40uf 250V C 40uf 250V C 40uf 250V C 40uf 250V C 40uf 250V Ceramic, .005uf 20 %; 500V Ceramic, .047 uf; 250V Electrolytic, two section: A 40uf 250V B 40uf 250V Ceramic, .005uf 20 %; 500V Ceramic, .005uf 20 %; 500V Ceramic, .0027uf, 1000V Ceramic, .0020f + 80 — 20 %; 500V Ceramic, .002uf + 80 — 20 %; 500V Ceramic, .002uf + 80 — 20 %; 500V Ceramic, .005uf 20 %; 500V Ceramic, .005uf, 20 %; 500	Symbol R1 R2 R3 R4 R5 R6 R7 R8 R9 R10 R11, 12 R13 R14 R15 R16 R17 R18	n ohms, 10% tolerance, ½ watted. K = kilohm, M = megohm Description Composition 330 Composition 330 Composition 1K Composition 1K Composition 4.7 Composition 4.7M Composition 120 Composition 120 Composition 330K Composition 330K Composition 47K Composition 1K Composition 1K Composition 1C Composition 4.7 Composition 4.7 Composition 1K Composition 1K Composition 1K Composition 1K Composition 100	Part No. RC20BF331K RC20BF272K RC20BF321K RC20BF102K RC20BF487K RC20BF104K RC20BF121K RC20BF121K RC20BF335K RC20BF121K RC20BF334K RC20BF334K RC20BF024K RC20BF024K RC20BF024K RC20BF024K RC20BF024K RC20BF024K RC20BF101K
C46, 47 C48 C49 C50, 51, 52 C53 C54 C55 C56 C57 C58 C59 C60, 61 C62 C63, 64 C65 C65	Mica, 470uuf 5 %, 300V Ceramic, .005uf 20 %; 500V Ceramic, .0027uf, 1000V Electrolytic, three section: A 40uf 250V B 40uf 250V C 50197-52 Electrolytic, two section: A 40uf 250V B 40uf 250V Ceramic, .005uf 20 %; 500V Ceramic, .005uf 20 %; 500V Ceramic, .005uf 20 %; 500V Ceramic, .002uf + 80 — 20 %; 500V Ceramic, .002uf + 80 — 20 %; 500V Ceramic, .005uf 20 %; 500V Ceramic, .005uf, 20 %, .500V Ceramic, .005uf, 1000V Ceramic, .005uf, 1000V Ceramic, .002Tuf, 1000V C50072-20 Ceramic, .002Tuf; 1000V C50072-17	Symbol R1 R2 R3 R4 R5 R6 R7 R8 R9 R10 R11, 12 R13 R14 R15 R16 R17 R18 R19 R20 R21	n ohms, 10% tolerance, ½ wattered. K = kilohm, M = megohm Description Composition 330 Composition 330 Composition 18 Composition 100K Composition 100K Composition 120 Composition 120 Composition 120 Composition 47M Composition 120 Composition 47K Composition 1K Composition 122 Composition 222 Composition 224 Composition 4.7 Composition 18 Composition 1K Composition 1K Composition 1K Composition 1C Composition 100 Composition 470K	Part No. RC20BF331K RC20BF3272K RC20BF327K RC20BF331K RC20BF102K RC20BF487K RC20BF104K RC20BF475K RC20BF121K RC20BF334K RC20BF121K RC20BF334K RC20BF102K RC20BF102K RC20BF473K RC20BF473K RC20BF102K RC20BF474K RC20BF474K RC20BF474K
C46, 47 C48 C49 C50, 51, 52 C53 C54 C55 C57 C58 C59 C60, 61 C62 C63, 64 C65 C67 C68	Mica, 470uuf 5 %, 300V Ceramic, .005uf 20 %; 500V Ceramic, .0027uf, 1000V Electrolytic, three section: A 40uf 250V B 40uf 250V C 40uf 250V Ceramic, .005uf 20 %; 500V Ceramic, .005uf 20 %; 500V Ceramic, .047 uf; 250V Electrolytic, two section: A 40uf 250V B 40uf 250V Ceramic, .005uf 20 %; 500V Ceramic, .0027uf, 1000V Ceramic, .0027uf, 1000V Ceramic, .005uf 20 %; 500V Ceramic, .20uuf 1000V Ceramic, .20uuf 1000V Ceramic, .20uuf, 1000V Ceramic, .0027uf; 1000V Ceramic, .0027uf; 1000V Ceramic, .0027uf; 1000V Ceramic, .005uf 20 %; 500V Ceramic, .0027uf; 1000V Ceramic, .005uf 20 %; 500V Ceromic, .005uf 20 %; 500V Ceramic, .005uf 20 %; 500V Ceramic, .005uf 20 %; 500V Ceramic, .005uf 20 %; 500V	Symbol R1 R2 R3 R4 R5 R6 R7 R8 R9 R10 R11, 12 R13 R14 R15 R16 R17 R18 R19 R20 R21	n ohms, 10% tolerance, ½ wattoted. K = kilohm, M = megohm Description Composition 330 Composition 2.7K Composition 330 Composition 1.K Composition 1.K Composition 1.C Composition 1.20 Composition 2.2 Composition 1.K Composition 2.2 Composition 2.2 Composition 1.K Composition 1.C Composition 2.2 Composition 2.2 Composition 2.2 Composition 2.2 Composition 2.2 Composition 2.2 Composition 1.K Composition 1.C Composition 2.2 Composition 3.3 Composition	Part No. RC20BF331K RC20BF3272K RC20BF331K RC20BF102K RC20BF102K RC20BF104K RC20BF104K RC20BF121K RC20BF121K RC20BF335K RC20BF121K RC20BF334K RC20BF220K RC20BF220K RC20BF220K RC20BF220K RC20BF220K RC20BF47K RC20BF47K RC20BF47K RC20BF47X
C46, 47 C48 C49 C50, 51, 52 C53 C54 C55 C57 C58 C59 C60, 61 C62 C63, 64 C65 C66 C67 C68 C67	Mica, 470uuf 5 %, 300V Ceramic, .005uf 20 %; 500V Ceramic, .0027uf, 1000V Electrolytic, three section: A 40uf 250V B 40uf 250V C 40uf 250V Ceramic, .005uf 20 %; 500V Ceramic, .047 uf; 250V Electrolytic, two section: A 40uf 250V B 40uf 250V Ceramic, .005uf 20 %; 500V Ceramic, .005uf 20 %; 500V Ceramic, .0020f + 80 — 20 %; 500V Ceramic, .0020f + 80 — 20 %; 500V Ceramic, .005uf 20 %; 500V Ceramic, .0027uf; 1000V Ceramic, .0027uf; 1000V Ceramic, .005uf 20 %; 500V Ceramic, .002f uf; 1000V Ceramic, .005uf 20 %; 500V	Symbol R1 R2 R3 R4 R5 R6 R7 R8 R9 R10 R11, 12 R13 R14 R15 R16 R17 R18 R19 R20 R21 R22 R23	n ohms, 10% tolerance, ½ watted. K = kilohm, M = megohm. Description Composition 330 Composition 2.7K Composition 18K Composition 100K Composition 1.7M Composition 120 Composition 120 Composition 330K Composition 330K Composition 120 Composition 30K Composition 120 Composition 120 Composition 22 Composition 1K Composition 22 Composition 4.7K Composition 2.2K Composition 4.7 Composition 4.7 Composition 100 Composition 100 Composition 470K Composition 470K Composition 100 Composition 470K Composition 22K Composition 22K Composition 100 Composition 22K Composition 11K	Part No. RC20BF331K RC20BF331K RC20BF331K RC20BF310K RC20BF102K RC20BF104K RC20BF104K RC20BF121K RC20BF335K RC20BF121K RC20BF334K RC20BF334K RC20BF473K RC20BF472K RC20BF474K RC20BF472K RC20BF474K
C46, 47 C48 C49 C50, 51, 52 C53 C54 C55 C57 C58 C59 C60, 61 C62 C63, 64 C65 C67 C68 C69 C70 C71 C72	Mica, 470uuf 5 %, 300V Ceramic, .005uf 20 %; 500V Ceramic, .0027uf, 1000V Ceramic, .0027uf, 1000V Ceramic, .0027uf, 1000V County 250V Coun	Symbol R1 R2 R3 R4 R5 R6 R7 R8 R9 R10 R11, 12 R13 R14 R15 R16 R17 R18 R19 R20 R21 R22 R23 R24	n ohms, 10% tolerance, ½ wattered. K = kilohm, M = megohm Description Composition 330 Composition 330 Composition 1K Composition 1K Composition 100K Composition 4.7M Composition 120 Composition 120 Composition 330K Composition 330K Composition 120 Composition 120 Composition 120 Composition 22 Composition 47K Composition 12 Composition 22 Composition 47 Composition 100 Composition 470K Composition 470K Composition 1K Composition 1K Composition 1K Composition 22K Composition 22K Composition 22K, 1W	Part No. RC20BF331K RC20BF3272K RC20BF327K RC20BF102K RC20BF487K RC20BF104K RC20BF475K RC20BF121K RC20BF335K RC20BF121K RC20BF335K RC20BF121K RC20BF334K RC20BF122K RC20BF220K RC20BF220K RC20BF220K RC20BF424K RC20BF8474K RC20BF101K RC20BF102K RC30BF223K RC20BF102K RC30BF222K
C46, 47 C48 C49 C50, 51, 52 C53 C54 C55 C56 C57 C58 C59 C60, 61 C63, 64 C65 C66 C67 C68 C69 C70 C71 C72 C73	Mica, 470uuf 5 %, 300V Ceramic, .005uf 20 %; 500V Ceramic, .0027uf, 1000V Electrolytic, three section: A 40uf 250V B 40uf 250V C 40uf 250V Ceramic, .005uf 20 %; 500V C 50089-1 Electrolytic, two section: A 40uf 250V Ceramic, .005uf 20 %; 500V Ceramic, .005uf 20 %; 500V Ceramic, .002uf + 80 — 20 %; 500V Ceramic, .002uf + 80 — 20 %; 500V Ceramic, .005uf 20 %; 500V Ceramic, .0027uf; 1000V Ceramic, .005uf 20 %; 500V	Symbol R1 R2 R3 R4 R5 R6 R7 R8 R9 R10 R11, 12 R13 R14 R15 R16 R17 R18 R19 R20 R21 R22 R23 R24 R25	n ohms, 10% tolerance, ½ wattered. K = kilohm, M = megohm Description Composition 330 Composition 330 Composition 1K Composition 1K Composition 4.7 Composition 120 Composition 120 Composition 120 Composition 47K Composition 1K Composition 1X Composition 120 Composition 120 Composition 120 Composition 120 Composition 120 Composition 1K Composition 1K Composition 22 Composition 4.7 Composition 4.7 Composition 1K Composition 1K Composition 100 Composition 100 Composition 100 Composition 100 Composition 11K Composition 11K Composition 12K Composition 1K Composition 1C Composition 1K Composition 1C Composition 2.2K Composition 1C Composition 2.2K Composition 1C Composition 2.2K Composition 1C Composition 2.2K, 1W Wirewound 100 SW	Part No. RC20BF331K RC20BF331K RC20BF331K RC20BF102K RC20BF4R7K RC20BF104K RC20BF104K RC20BF121K RC20BF335K RC20BF121K RC20BF334K RC20BF334K RC20BF473K RC20BF472K RC20BF472K RC20BF472K RC20BF472K RC20BF472K RC20BF474K
C46, 47 C48 C49 C50, 51, 52 C53 C54 C55 C56 C57 C58 C59 C60, 61 C62 C63, 64 C65 C66 C67 C68 C69 C70 C71 C72 C73 C74	Mica, 470uuf 5 %, 300V Ceramic, .005uf 20 %; 500V Ceramic, .0027uf, 1000V Electrolytic, three section:	Symbol R1 R2 R3 R4 R5 R6 R7 R8 R9 R10 R11, 12 R13 R14 R15 R16 R17 R18 R19 R20 R21 R22 R23 R24 R25 R26	n ohms, 10% tolerance, ½ wattered. K = kilohm, M = megohm Description Composition 330 Composition 330 Composition 1K Composition 1K Composition 100K Composition 4.7M Composition 120 Composition 120 Composition 330K Composition 330K Composition 120 Composition 120 Composition 120 Composition 22 Composition 47K Composition 12 Composition 22 Composition 47 Composition 100 Composition 470K Composition 470K Composition 1K Composition 1K Composition 1K Composition 22K Composition 22K Composition 22K, 1W	Part No. RC20BF331K RC20BF331K RC20BF331K RC20BF331K RC20BF102K RC20BF475K RC20BF104K RC20BF104K RC20BF121K RC20BF335K RC20BF121K RC20BF334K RC20BF334K RC20BF22K RC20BF220K RC20BF220K RC20BF222K RC20BF422K RC20BF422K RC20BF422K RC20BF101K RC20BF424K RC20BF102K RC20BF424K RC20BF102K RC20BF102K RC20BF223K RC20BF102K RC20BF121K RC30BF223K RC30BF223K RC30BF223K RC30BF223K RC30BF223K RC30BF223K
C46, 47 C48 C49 C50, 51, 52 C53 C54 C55 C56 C57 C58 C59 C60, 61 C63, 64 C65 C66 C67 C68 C69 C70 C71 C72 C73	Mica, 470uuf 5 %, 300V Ceramic, .005uf 20 %; 500V Ceramic, .0027uf, 1000V Electrolytic, three section: A 40uf 250V B 40uf 250V C 40uf 250V C 40uf 250V Ceramic, .005uf 20 %; 500V Cisoanse, .005uf 20 %; 500V Ceramic, .005uf 20 %; 500V Ceramic, .047 uf; 250V Electrolytic, two section: A 40uf 250V Ceramic, .005uf 20 %; 500V Ceramic, .005uf 20 %; 500V Ceramic, .005uf 20 %; 500V Ceramic, .0027uf, 1000V Ceramic, .0027uf, 1000V Ceramic, .005uf 20 %; 500V	Symbol R1 R2 R3 R4 R5 R6 R7 R8 R9 R10 R11, 12 R13 R14 R15 R16 R17 R18 R19 R20 R21 R22 R23 R24 R25 R26	n ohms, 10% tolerance, ½ watted. K = kilohm, M = megohm Description Composition 330 Composition 2.7K Composition 330 Composition 1K Composition 100K Composition 4.7 Composition 120 Composition 120 Composition 330K Composition 330K Composition 120 Composition 120 Composition 22 Composition 22 Composition 22K Composition 4.7 Composition 4.7 Composition 1K Composition 4.7 Composition 4.7 Composition 1K Composition 100 Composition 1K Composition 100 Composition 470K Composition 100 Composition 22K Composition 11K Composition 22K Composition 22K Composition 22K Composition 100 Composition 22K Composition 22K Composition 22K Composition 100 Composition 100 Composition 100 Composition 120 Composition 120 Composition 1.2K; 1W	Part No. RC20BF331K RC20BF3272K RC20BF327K RC20BF102K RC20BF104K RC20BF104K RC20BF121K RC20BF121K RC20BF335K RC20BF121K RC20BF334K RC20BF334K RC20BF220K RC20BF220K RC20BF220K RC20BF220K RC20BF101K RC20BF322K RC20BF101K RC20BF334K RC20BF102K RC20BF222K RC20BF101K RC20BF322K RC20BF101K RC20BF322K RC30BF223K RC30BF223K RC30BF223K RC30BF223K RC30BF223K RC30BF223K RC30BF122K
C46, 47 C48 C49 C50, 51, 52 C53 C54 C55 C56 C57 C58 C59 C60, 61 C62 C63, 64 C65 C66 C67 C72 C73 C74 C75 C76 C77, 78	Mica, 470uuf 5 %, 300V Ceramic, .005uf 20 %; 500V Ceramic, .0027uf, 1000V Electrolytic, three section: A 40uf 250V B 40uf 250V C 50089-1 C50180-5 A 40uf 250V C 50180-5 A 40uf 250V C 8 A 40uf 250V C 620	Symbol R1 R2 R3 R4 R5 R6 R7 R8 R9 R10 R11, 12 R13 R14 R15 R16 R17 R18 R19 R20 R21 R22 R23 R24 R25 R26 R27 R28 R29	n ohms, 10% tolerance, ½ wattered. K = kilohm, M = megohm Description Composition 330 Composition 330 Composition 1.K Composition 1.K Composition 4.7 Composition 120 Composition 1K Composition 1K Composition 1K Composition 1.K Composition 2.2K Composition 1.K Composition 1.K Composition 1.K Composition 1.K Composition 1.C Composition 1.C Composition 2.2K Composition 2.2K, 1.W Wirewound 100, 5.W Composition 1.2V Wirewound 400, 5.%; 5.W	Part No. RC20BF331K RC20BF3272K RC20BF3272K RC20BF331K RC20BF487K RC20BF4875K RC20BF104K RC20BF475K RC20BF121K RC20BF334K RC20BF121K RC20BF334K RC20BF121K RC20BF324K RC20BF102K RC20BF222K RC20BF4874K RC20BF4224K RC20BF4224K RC20BF101K RC20BF101K RC20BF474K RC20BF101K RC20BF474K RC20BF101K RC30BF123K RC30BF122K RS92-185 RC30BF122K RC30BF122K RC30BF121K RC30BF122K RC30BF121K
C46, 47 C48 C49 C50, 51, 52 C53 C54 C55 C56 C57 C58 C59 C60, 61 C62 C63, 64 C65 C67 C68 C69 C70 C71 C72 C73 C74 C75 C75	Mica, 470uuf 5 %, 300V Ceramic, .005uf 20 %; 500V Ceramic, .0027uf, 1000V Electrolytic, three section: A 40uf 250V B 40uf 250V C 50180-5 A 40uf 250V C 50180-5 A 40uf 250V C 50180-5 Ceramic, .005uf 20 %; 500V Ceramic, .002vf + 80 — 20 %; 500V Ceramic, .002vf + 80 — 20 %; 500V Ceramic, .005uf 20 %; 500V Ceramic, .002Tuf; 1000V Ceramic, .002Tuf; 1000V Ceramic, .005uf 20 %; 500V Ceramic, .005uf 20	Symbol R1 R2 R3 R4 R5 R6 R7 R8 R9 R10 R11, 12 R13 R14 R15 R16 R17 R18 R19 R20 R21 R22 R23 R24 R25 R26 R27 R28 R29	n ohms, 10% tolerance, ½ watted. K = kilohm, M = megohm Description Composition 330 Composition 2.7K Composition 330 Composition 1K Composition 100K Composition 4.7 Composition 120 Composition 120 Composition 330K Composition 330K Composition 120 Composition 120 Composition 22 Composition 22 Composition 22K Composition 4.7 Composition 4.7 Composition 1K Composition 4.7 Composition 4.7 Composition 1K Composition 100 Composition 1K Composition 100 Composition 470K Composition 100 Composition 22K Composition 11K Composition 22K Composition 22K Composition 22K Composition 100 Composition 22K Composition 22K Composition 22K Composition 100 Composition 100 Composition 100 Composition 120 Composition 120 Composition 1.2K; 1W	Part No. RC20BF331K RC20BF3272K RC20BF3272K RC20BF331K RC20BF487K RC20BF4475K RC20BF104K RC20BF475K RC20BF121K RC20BF334K RC20BF121K RC20BF334K RC20BF121K RC20BF324K RC20BF220K RC20BF220K RC20BF220K RC20BF222K RC20BF474K RC20BF474K RC20BF474K RC20BF474K RC20BF474K RC20BF474K RC20BF223K RC20BF101K RC20BF223K RC20BF101K RC20BF223K RC20BF121K RC30BF222K RS92-185 RC30BF222K RS92-185 RC30BF122K RC30BF121K RC30BF122K RC30BF121K RC30BF121K RC30BF121K RC30BF121K
C46, 47 C48 C49 C50, 51, 52 C53 C54 C55 C56 C57 C58 C59 C60, 61 C62 C63, 64 C65 C66 C67 C72 C73 C74 C75 C76 C77, 78	Mica, 470uuf 5 %, 300V Ceramic, .005uf 20 %; 500V Ceramic, .0027uf, 1000V Electrolytic, three section: A 40uf 250V B 40uf 250V C 50089-1 C50180-5 A 40uf 250V C 50180-5 A 40uf 250V C 8 A 40uf 250V C 620	Symbol R1 R2 R3 R4 R5 R6 R7 R8 R9 R10 R11, 12 R13 R14 R15 R16 R17 R18 R19 R20 R21 R22 R23 R24 R25 R26 R27 R28 R29	n ohms, 10% tolerance, ½ wattered. K = kilohm, M = megohm Description Composition 330 Composition 330 Composition 1.K Composition 1.K Composition 4.7 Composition 120 Composition 1K Composition 1K Composition 1K Composition 1.K Composition 2.2K Composition 1.K Composition 1.K Composition 1.K Composition 1.K Composition 1.C Composition 1.C Composition 2.2K Composition 2.2K, 1.W Wirewound 100, 5.W Composition 1.2V Wirewound 400, 5.%; 5.W	Part No. RC20BF331K RC20BF3272K RC20BF3272K RC20BF331K RC20BF487K RC20BF4875K RC20BF104K RC20BF475K RC20BF121K RC20BF334K RC20BF121K RC20BF334K RC20BF121K RC20BF324K RC20BF102K RC20BF222K RC20BF4874K RC20BF4224K RC20BF4224K RC20BF101K RC20BF101K RC20BF474K RC20BF101K RC20BF474K RC20BF101K RC30BF123K RC30BF122K RS92-185 RC30BF122K RC30BF122K RC30BF121K RC30BF122K RC30BF121K
C46, 47 C48 C49 C50, 51, 52 C53 C54 C55 C56 C57 C58 C59 C60, 61 C62 C63, 64 C65 C66 C67 C72 C73 C74 C75 C76 C77, 78	Mica, 470uuf 5 %, 300V Ceramic, .005uf 20 %; 500V Ceramic, .0027uf, 1000V Electrolytic, three section: A 40uf 250V B 40uf 250V C 50089-1 C50180-5 A 40uf 250V C 50180-5 A 40uf 250V C 8 A 40uf 250V C 620	Symbol R1 R2 R3 R4 R5 R6 R7 R8 R9 R10 R11, 12 R13 R14 R15 R16 R17 R18 R19 R20 R21 R22 R23 R24 R25 R26 R27 R28 R29	n ohms, 10% tolerance, ½ wattered. K = kilohm, M = megohm Description Composition 330 Composition 330 Composition 1.K Composition 1.K Composition 4.7 Composition 120 Composition 1K Composition 1K Composition 1K Composition 1.K Composition 2.2K Composition 1.K Composition 1.K Composition 1.K Composition 1.K Composition 1.C Composition 1.C Composition 2.2K Composition 2.2K, 1.W Wirewound 100, 5.W Composition 1.2V Wirewound 400, 5.%; 5.W	Part No. RC20BF331K RC20BF3272K RC20BF3272K RC20BF331K RC20BF487K RC20BF4475K RC20BF104K RC20BF475K RC20BF121K RC20BF334K RC20BF121K RC20BF334K RC20BF121K RC20BF324K RC20BF220K RC20BF220K RC20BF220K RC20BF222K RC20BF474K RC20BF474K RC20BF474K RC20BF474K RC20BF474K RC20BF474K RC20BF223K RC20BF101K RC20BF223K RC20BF101K RC20BF223K RC20BF121K RC30BF222K RS92-185 RC30BF222K RS92-185 RC30BF122K RC30BF121K RC30BF122K RC30BF121K RC30BF121K RC30BF121K RC30BF121K
C46, 47 C48 C49 C50, 51, 52 C53 C54 C55 C56 C57 C58 C59 C60, 61 C62 C63, 64 C65 C66 C67 C72 C73 C74 C75 C76 C77, 78	Mica, 470uuf 5 %, 300V Ceramic, .005uf 20 %; 500V Ceramic, .0027uf, 1000V Electrolytic, three section: A 40uf 250V B 40uf 250V C 50089-1 C50180-5 A 40uf 250V C 50180-5 A 40uf 250V C 8 A 40uf 250V C 620	Symbol R1 R2 R3 R4 R5 R6 R7 R8 R9 R10 R11, 12 R13 R14 R15 R16 R17 R18 R19 R20 R21 R22 R23 R24 R25 R26 R27 R28 R29	n ohms, 10% tolerance, ½ wattered. K = kilohm, M = megohm Description Composition 330 Composition 330 Composition 1.K Composition 1.K Composition 4.7 Composition 120 Composition 1K Composition 1K Composition 1K Composition 1.K Composition 2.2K Composition 1.K Composition 1.K Composition 1.K Composition 1.K Composition 1.C Composition 1.C Composition 2.2K Composition 2.2K, 1.W Wirewound 100, 5.W Composition 1.2V Wirewound 400, 5.%; 5.W	Part No. RC20BF331K RC20BF3272K RC20BF3272K RC20BF331K RC20BF487K RC20BF4475K RC20BF104K RC20BF475K RC20BF121K RC20BF334K RC20BF121K RC20BF334K RC20BF121K RC20BF324K RC20BF220K RC20BF220K RC20BF220K RC20BF222K RC20BF474K RC20BF474K RC20BF474K RC20BF474K RC20BF474K RC20BF474K RC20BF223K RC20BF101K RC20BF223K RC20BF101K RC20BF223K RC20BF121K RC30BF222K RS92-185 RC30BF222K RS92-185 RC30BF122K RC30BF121K RC30BF122K RC30BF121K RC30BF121K RC30BF121K RC30BF121K

nead these instructions With Extreme Care Before Attempting Alignment.

Dial pointers should be at zero index mark on logging scale. If not, reset the dial pointers. Disconnect the external antennas and the antenna link. Set Ferrite Loop to normal position, parallel to rear panel. When using an oscilloscope for alignment, set the output level controls for no overload, as shown CHASSIS: Turn the station selectors completely counterclockwise, without forcing. by the proper waveform shape. SIGNAL GENERATORS: The signal generator equipment must be able to supply the following: FM RF modulated 30% (±22.5 KC deviation) at 400 cps, AM RF modulated 30% at 400 cps,

AM IF with 30 KC sweep for AM bandwidth adjustment; audio oscillator accurately calibrated for I and 10 KC audio output for testing the 10 KC AM whistle filter.

INDICATOR: DC VTVM, AC VTVM, and scope for alignment.

ALIGNMENT: Allow the chassis and test instruments to warm up for at least fifteen minutes. Adjust the line voltage for 117 volts AC, 50.60 cycles. Use fully insulated tools: a small screwdriver for all trimming capacitors; a K-Tran tool for Z1, Z2, Z3, Z6, Z7, Z8 and Z9; a hex tool for Z4, Z5, L2, L9, L10, L15 and L16. For AM alignment, connect a 1.4 volt battery between the junction of R68/C54 and ground. Positive side of battery to ground.

			CHASSI	SIS		SIGNAL GENERATOR	ERATOR		INDICATOR	ATOR		ALIGNMENT
	STEPS	BANDWIDTH	SELECTOR	MONO. STEREO	STATION SELECTOR	COUPLING	FREQ.	MOD.	TYPE CO	CONNECTION	ADJUST	INDICATION
ALIGNMENT	-	SHARP	FM-AM	B (AM)	Point of no signal and no interference	Audio Gen. connected to Pin 7 of V12	10 KC	None	AC VTVM to Ch. (Recorder Output	to Ch. B Output	CBS	Minimum Output
	2	SHARP	FM-AM	B (AM)	Point of no signal and no interference	AM RF Gen. connected thru .01-vf cap. in series with hot lead to V10 Pin 1	455 KC	30% AM at 400 cps	DC VTVM to Test Point 7		27, 28, 29 top and bottom	Maximum negative
	6	BROAD	FM-AM	B (AM)	Point of no signal and no interference	AM Gen, connected thru .01-uf cap. In series with hot lead to V10 Pin 1	455 KC	30 KC sweep	Scope to Ch. B Recorder Output	Ch. B Output	Z9 top	Adjust slightly for symmetrical curve
•	4	SHARP	FM-AM	B (AM)	600 KC	AM Gen, connected thru 220-vuf cap. in series with hot lead to antenna terminal 3	900 KC	30% AM at 400 cps	Scope to Ch. B Recorder output. DC VTVM to Test Point 7	B Recorder C VTVM oint 7	115, 26	Check for sine waveform Maximum negative voltage
,	80	SHARP	FM-AM	B (AM)	1400 KC	AM Gen, connected thru 220-vuf cap, in series with hot lead to antenna terminal 3	1400 KC	30% AM at 400 cps	Scope to Ch. B Recorder output, DC VIVM to Test Point 7	B Recorder C V1VM Joint 7	CAE, CAC	Check for sine waveform Maximum negative voltage
	۰	Repeat s	Repeat steps 4 and	5 for	oper dial calibration	proper dial calibration and maximum output.						
4.	7	FM Muting Switch Off	FM.AM	A (FM)	Point of no signal and no Interference	FM Generator connected to Pin 1 of V4	19.7 MC	None	Connect VT VM to test point 2		Z4, Z5 top Z5 bottom	Maximum negative voltage (below —5 volts) See Note 2
LIGNMENT	∞	FM Muting Switch Off	FM-AM	A (FM)	Point of no signal and no interference	FM Generator connected to Pin 1 of V4	10.7 MC	None	DC VTVM to test point 4	IVM oint 4	Z5 top	Zero reading on Zero center scale
-	٥	FM Muting Switch Off	FM-AM	A (FM)	Point of no signal and no interference	FM Gen. connected to ungrounded tube shield of V2	10.7 MC	None	DC VIVM to test point 1	test point 1	Z1, Z2, Z3 top & bottom	Maximum negative voltage (below —2 volts)
	01	FM Muting Switch Off	FM-AM	A (FM)	90 MC	FM Gen. connected thru two 120-ohm carbon resistors in series with lead to antenna terminals 5 and 6	90 MC	30% FM (22.5 KC Dev.) at 400 cps	DC VTVM to test point 1, and scope to Ch. A Recorder Output	'VM , and scope rder Output	110, 19	Check for sine waveform and adjust for maximum negative voltage
	=	FM Muting Switch Off	FM.AM	A (FM)	106 MC	FM Gen. connected thru wo 120-olim carbon missions in series with lead to antenna ferminals 5 and 6	106 MC	30% FM (22.5 KC Dav.) at 400 cps	DC VTVM to test point 1, and scope to Ch. A Recorder Output	VM , and scope rder Output	G1, C21	Check for sine waveform and adjust for maximum negative voltage
	12	Repeat s	Repeat steps 10 and	=	east once for proper	at least once for proper dial calibration and maximum output.	output.					

NOTE: 1 — For calibrating both the AM and FM, use as low on output voltage as possible from your signal generator.

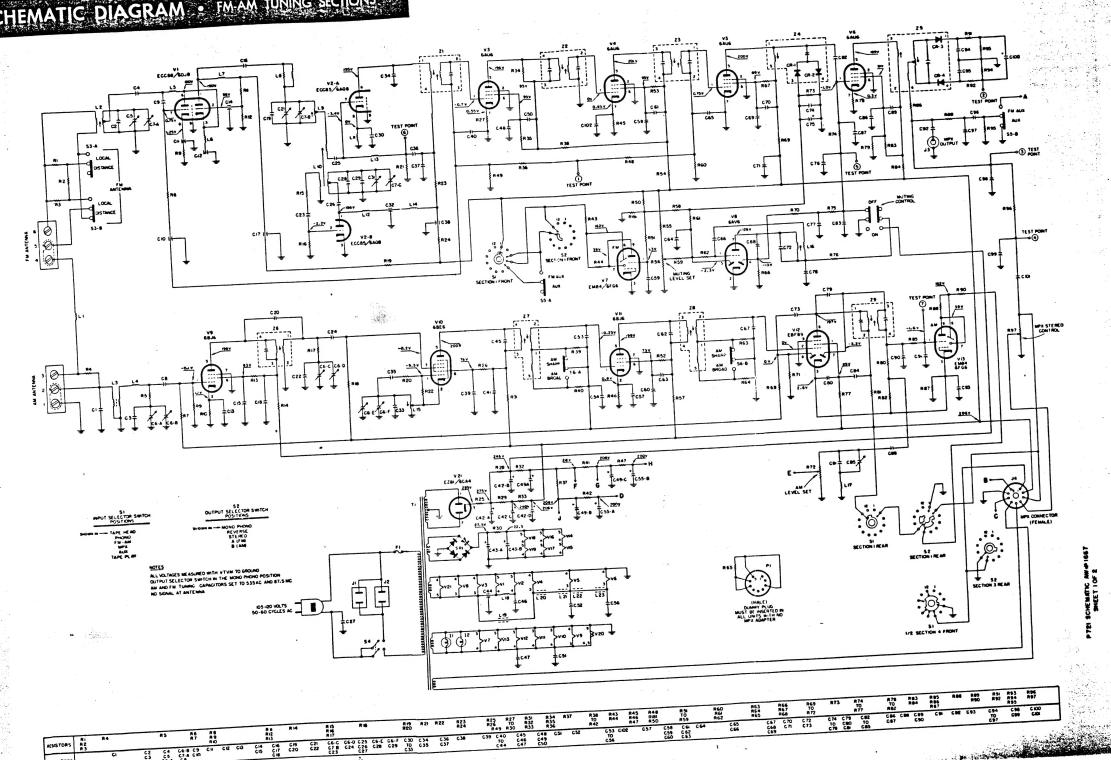
2 — Decrease Signal Generator output while adjusting IF transformers so that DC VIVM shows no more than noted voltage.

3 — If adjustment of muting oscillator is necessary, adjust it for 3 MC with a Grid-dip Meter.

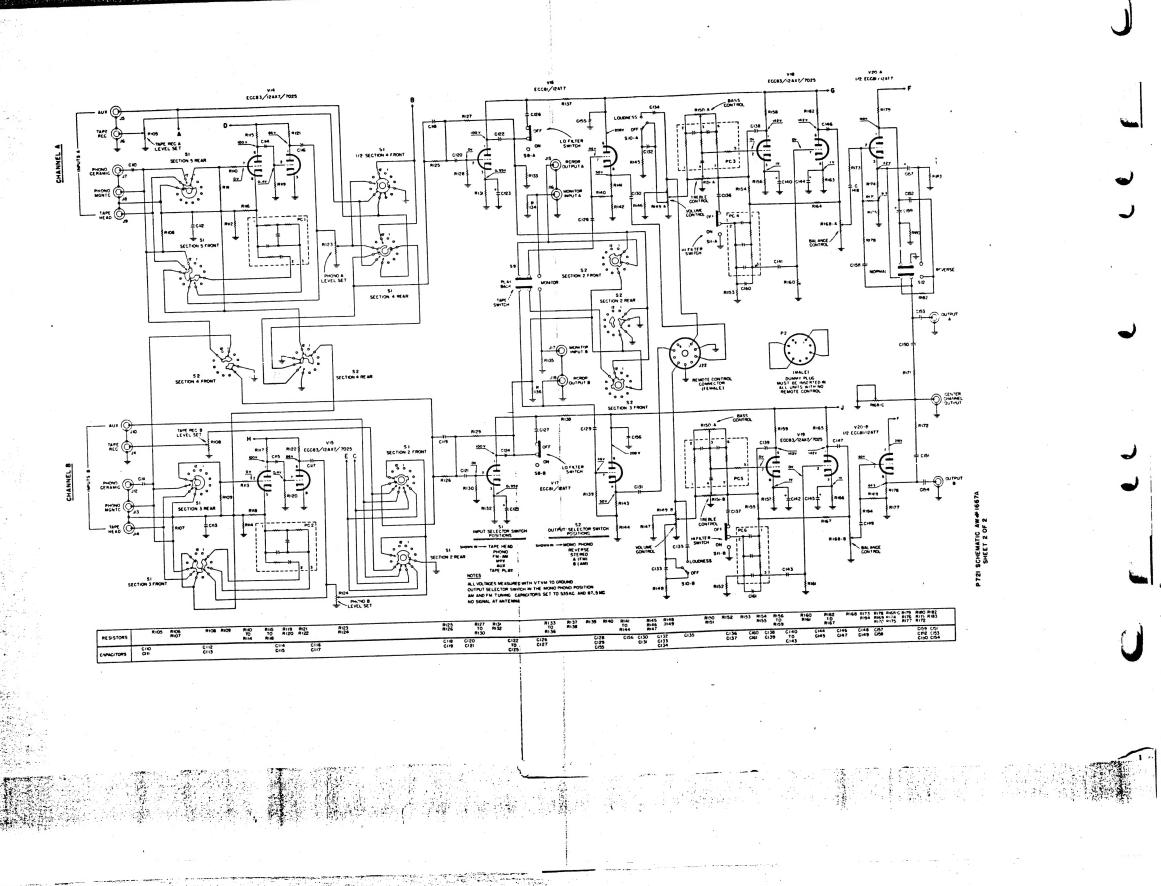
これのファイカスというと

					- Carlo Carloss
		RC20BF102K	R139, 140	Dep. carbon, 470K 5%, 1/3W	R33DC474J
1	Composition 1K Composition 1.2K, 1W	RC30BF122K	R141	Composition 220	RC20BF221K RC20BF103K
2 3	Wirewound 400, 5%; 5W	R621-130		Composition 10K Composition 220	RC20BF221K
4	Composition 47K	RC20BF473K	R143	Composition 10K	RC20BF103K
5	Composition 82K	RC20BF823K	R146, 147	Composition 22K	RC20BF223K
6	Composition 1.8M	RC20BF185K RC20BF102K	D148	Composition 10K	RC20BF103K
7,38	Composition 1K	RC20BF271K	R149	Potentiometer, dual, 100K, volume	R50160-29 R50160-30
9, 40	Composition 270 Composition 1K	RC20BF102K	R150	Potentiometer, dual, 1M, Bass	R50160-28
1	Composition 10K	RC20BF103K	R151	Potentiometer, dual, 500K, treble Composition 10M	RC20BF105K
2 3	Composition 68K	RC20BF683K	R152, 153	Composition 470K	RC20BF474K
.4	Composition 470K	RC20BF474K RC20BF121K	R156, 157	Composition 1.8K	RC2OBF182K
. 5	Composition 120	RC20BF101K	R158, 159	Composition 100K	RC20BF104K
.6	Composition 100	RC20BF103K	R160, 161	Composition 2.2M	RC20BF225K RC20BF104K
17	Composition 10K Composition 100K	RC20BF104K	R162	Composition 100K	RC20BF182K
∔8 ∔9	Composition 1.8M	RC20BF185K	R163	Composition 1.8K Composition, 1.5M	RC20BF155K
50	Composition 15M	RC20BF156K	R164	Composition 100K	RC20BF104K
51	Composition 3.3M	RC20BF335K	R165 R166	Composition 1.8K	RC20BF182K
52	Composition 68K	RC2OBF683K RC2OBF563K	R167	Composition, 1.5M	RC20BF155K
53	Composition 56K	RC20BF471K	R168	Potentiometer, triple, 500K, balance	R50160-31
54	Composition 470	RC20BF474K		250K, center ch. volume	DCCORF1 OFF
5 5	Composition 470K Potentiometer 250K; muting	R50160-3	R169, 170	Composition 1M	RC20BF105K RC20BF683J
56	Composition 1K	RC20BF102K		Composition, 68K, 5 %	RC20BF334J
5 7 5 8	Composition 220K	RC20BF224K	R173	Composition, 330K, 5 % Composition, 1.5K	RC20BF152K
5 8	Composition 470K	RC20BF474K	R174 R175	Composition, 1.3K	RC20BF273K
60	Composition 47K	RC20BF473K	R176	Composition 1.5K	RC20BF152K
61	Composition 150K	RC20BF154K	R177	Composition 47K	RC20BF473K
62	Composition 100K	RC2OBF104K RC2OBF271K	R178	Composition, 470K, 5 %	RC203F474J
63, 64	Composition 270	RC20BF125K	R179	Composition, 47K	RC20BF473K
.65	Composition 1.2M Composition 100K	RC20BF104K	R180	Composition 470K	RC20BF474K RC20BF474K
66	Composition 82K	RC2OBF823K	R181	Composition 470K	RC20BF474K
:67 :68	Composition 2.2M	RC20BF225K	R182, 183	Composition, 470K Composition 330K 5%	RC20BF334J
169	Composition 1K	RC20BF102K	K104	Composition of the participation of the participati	
₹70	Composition 220K	RC2OBF224K		·	
₹71	Composition 820K	RC20BF824K set R50160-3		COILS, CHOKES AND TRANS	FORMERS.
₹72	Potentiometer 250K, AM level	RC20BF153K	Symbol	Description	Part No.
₹73	Composition 15K	RC20BF224K	LI	Chc, 3.3 micro henries	L50066-8
274	Composition 220K Composition 1K	RC20BF102K	L2 •	Coil, M Antenna	L726-124
R75 R76	Composition 220K	RC2OBF224K	L3	Coil, M Antenna	L721-139
R77	Composition 27K	RC20BF273K	L4	AM Ferrite Antenna	- L721-136 L50066-2
R78	Composition 100	RC20BF101K	L5	Choke, 1 micro henry	L50066-19
R79	Composition 18K	RC20BF183K RC20BF473K	L6, 7	Choke, .56 micro henries Choke, R.F.	L629-180
R80	Composition 47K	RC20BF102K	L8 L9	Coil, FM, R.F.	L726.126
R81	Composition 1K	RC20BF473K	L10	Coil, FM, osc.	L726-125
R82	Composition 47K Composition 22K, 1W	RC30BF223K	LII	Choke, .56 micro henries	L50066-19
R83 R84	Composition 1K	RC20BF102K	L12, 13	Choke, 1 micro henry	L50066-2
R85	Composition 3.3M	RC20BF335K	L14	Choke, 1.2 micro henries	L50066-3 L50210-22
R86	Composition 270	RC20BF271K	L15	Coil, AM, osc.	L50210-21
R87	Composition 180	RC20BF181K RC20BF474K	L16	Coil, muting, osc. Coil, 10KC, filter	L644-120
R88	Composition 470K	RC20BF104J	L17 L18	Choke, 1.2 micro henries	L50066-3
R89	Composition 100K, 5 %	RC20BF683K	L19, 20	Choke, filament ferrite bead	L592-189
R90	Composition 68K Composition 1.5K	RC20BF152K	21, 22,	23	****
R91 R92	Composition 1K	RC20BF102K	т1	Transformer, power	7721-115 77462-117
R93, 94	Composition 6.8K	RC20BF682K	Z1	Transformer, FM, I.F.	ZZ662-117 ZZ629-142
R95	Composition 330K	RC20BF334K RC20BF333J	Z2	Transformer, FM, I.F.	ZZ50210-2
R96	Composition 33K, 5%		Z3	Transformer, FM, I.F. Coil, FM, limiter	L551-121
R97	Potentiometer 100K, MPX, Cor Potentiometer 250K, Tape rec.	level ch. A R50160-3	Z4 Z5	Transformer, FM, Ratio Detector	ZZ592-170
R105	107 Composition 82K	KC20BF823K	Z6	Transformer, AM, R.F.	L670-151
R106, R108	Potentiometer, 250K, Tape rec.	level ch. B R50160-3	Z7, 8	Transformer, AM, I.F.	ZZ50210-3
R109	Composition 100K	RC20BF104K	Z9	Transformer, AM, I.F.	ZZ2984
R110	Composition 10K	RC20BF103K			
R111	Composition 100K	RC20BF104K		MISCELLANEOUS	
R112	Composition 10	RC20BF100K RC20BF103K			B1 M -
R113	Composition 10K	RC20BF100K	Symbol	Description	Part No.
R114	Composition 10 Composition 330K, 1W	RC30BF334K	CR1, 2	Crystal diode, Type 1N295	V-1N295
R115 R116	Composition 2.7K, 1W	RC30BF272K	CR3, 4	Crystal diode, Type 1N542, matche	F-3000
R117	Composition 330K, IW	RC30BF334K	F1	Fuse, 3 amp.	1-50082- 3
R118	Composition 2.7K, 1W	RC30BF272K	11,2	Lamp, dial panel Plug, 9-pin	P-50181
R119,	120 Composition 4.7M	RC20BF475K RC20BF224K	P1, 2 PC1, 2	Printed circuit, Phono Equalization	PC50187-3
D121	122 Composition 220K	RUZUDIZZAN	PC1, 2 PC3,5	Printed circuit, Tone Control	PC657-140
R123,	124 Potentiometer, 250K, Phono I	V R33DC474J	PC4, 6	Printed circuit, High Freq. filter	PC50187-2
R125	126 Dep. carbon, 470K, 5%, 1/3V	RC20BF395K	51	Switch, selector	5721-145
	129 Composition, 3.9M Composition 1M	RC20BF105K	52	Switch, mono stereo	\$721-144
R128 R130	Composition 1M	RC20BF105K	53, 5, 6,		S50200-2
	, 132 Composition 470	RC20BF471K	7, 8, 9,		550200-4
R133		RC20BF274K	11, 12	Switch, power	Part of R149
	, 135 Composition 330K	RC20BF334K	\$4 \$10	Switch, loudness	Part of R149
R136	Composition 270K	RC20BF274K	S10 SR1	Selenium rectifier	SR721-143
R137	, 138 Composition 47K	RC20BF473K	.6		
				7	

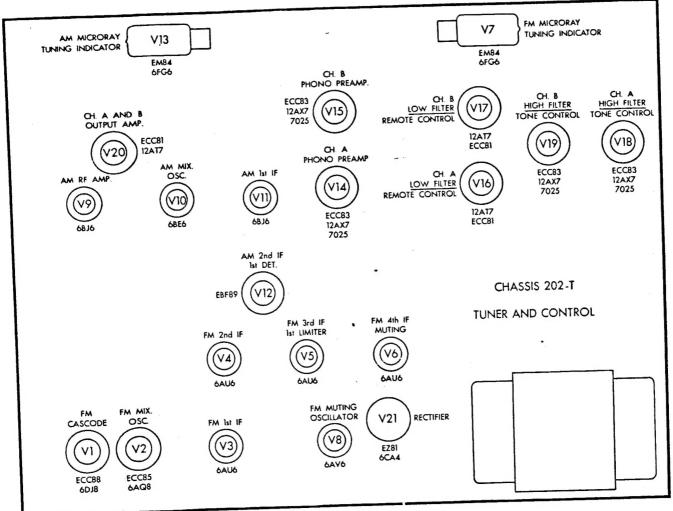
HEMATIC DIAGRAM . FM AM TUNING SECTIONS



SCHEMATIC DIAGRAM . PREAMPLIFIER



TUBE LAYOUT



AW 1669